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INK JET RECORDING HEAD

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ABSTRACT

PURPOSE: To provide above subjected apparatus comprising a plural of ink chambers and electrode pins opposite thereto along air flow passage and adapted to discharge ink by feeding air under pressure and adapted to facilitate close corrective arrangement of multinozzle of one line simultaneously print.

CONSTITUTION: Color different inks are entered into ink chambers 7(sub 1)-7(sub 3) and air is feeded under pressure into an air passage 3. In this condition, pulse voltage is applied between ink and electrode pins 9(sub 1)-9(sub 3) selectively and then ink at ink supplying opening 6(sub 1)-6(sub 3) is attracted to the direction of electrode pins 9(sub 1)-9(sub 3) and jetted into air passage 3 (at this time charged) and blown by air flow until it arrives at the electrode pins 9(sub 1)-9(sub 3) and discharged from a nozzle 2 and hitted to the paper to be recorded so as to attract charged ink particles and applying always same fixed voltage with polarity of voltage applying to the electrode 9(sub 1)-9(sub 3).